American Foundryman, June, 1947, Vol. 11, No. 6 Published in Two Sections — Section 2

AMERICAN FOUNDRYMAN

Index to Volumes 9 and 10

January - December
1946

AMERICAN FOUNDRYMEN'S ASSOCIATION, INC.
222 West Adams Street Chicago 6, Illinois

E. Eng. Faxon

	Vol.	No.	Issue	Page
A				
Academic Schools Castings Industry Aids		4	April	116
Accelerated Training: W. J. Hebard		10	Sept.	35
All Foundry Departments Need Engineering College Graduates: Max Kuniansky		10	Nov.	72
Aluminum Alloy: R. A. Quadt		10	July	21
Aluminum Alloy Die Casting Report		9	April	103
Aluminum Casting Alloy 3 per cent Cu: 5 per cent Si: O. Tichy		10	Sept.	74
Aluminum Casting Stability Report		9	Feb.	65
Alloys Magnesium		9	Jan.	61
Alloy Casting Microporosity in Magnesium		9	April	148
Magnesium		9	June	43
A.F.A. Annual Lecture Will Honor C. E. Hoyt		10	Dec.	22
A.F.A. Golden Jubilee Congress Highlights		5	May	24
A.F.A. Golden Jubilee Program		9	April	70
A.F.A. Elect New Officers and Directors		9	May	22
A.F.A. President's Annual Address: Fred J. Walls		9	June	66
A.F.A. Steel Division Stands Ready to Serve Industry and Individual: C. H. Lorig (Editorial)		10	July	17
A.F.A. Takes a Bow to Members		5	May	56
Annual Foundation Lecture: Guilliam Clamer		9	April	81
Apprentice Training Progress in Foundry		9	April	140
Skill and Leadership		10	Oct.	76
Are Leaders Born or Made?: Ralph L. Lee		9	March	32
Atmospheric and Washburn Risers: W. E. Jones		9	March	35
B				
Belus, Sam—Biography		9	Feb.	4
Belus, Sam—Necked-down Riser		9	Feb.	40
Bishop, H. F.—Biography		9	May	4
Bishop, H. F., H. F. Taylor, and R. C. Wayne—Copper and the Steel Casting an Alloy for Postwar Consideration		9	May	72
Blackwood, Peter—Biography		9	April	83
Blastic, J. A.—Biography		10	Sept.	5
Blastic, J. A., J. M. Diebold, J. A. Griffin—Cast Iron Repair Welding Metallurgical Aspects		10	Sept.	49
Bock, Michael II—Biography		10	Aug.	4
Bock, II, Michael, J. P. Hickey and C. G. Lutts—Exothermic Materials		10	Aug.	71
Bolton, John W.—Biography		9	April	4
Bolton, John W.—50 Years of Progress in Cast Metals Specifications		9	April	98
Book Reviews				
Collected Papers on Metallurgical Analysis by the Spectrograph: D. M. Smith		9	June	95
Essentials of Industrial Health: C. O. Sappington		9	June	95
Foundry Sand and Mold Materials		9	June	95
Introduction to Magnesium and Its Alloys: John Alico		9	June	104
Modern Foundry Practice: E. D. Howard		9	June	102
Shop Sketching		9	June	104
Underground Corrosion		9	June	95
Bornstein, Hyman—Biography		10	Nov.	73
Bornstein, Hyman—Career and Advancement Offered Engineering College Graduates		10	Nov.	73
Bougler, F. W.—Biography		10	July	4
Bougler, F. W., C. E. Sims—Cast Steels Low Temperature Properties		10	July	49
Boutin, Pierce—Biography		9	March	4
Boutin, Pierce—Eliminating Casting Defects		9	March	39
Bradley, W. J.—Biography		9	May	4
Bradley, W. J.—Pressure Feeding Iron Castings		9	May	51
Brinson, S. W.—Biography		10	Oct.	5
Brinson, S. W., and J. A. Duma—Knock-Off Risers, Non-Ferrous Castings		10	Oct.	55
Bronze Castings, Conditions of Flow: J. T. Robertson and R. G. Hardy		10	Nov.	59
Bronze Castings Insulating Pads and Riser Sleeves		9	March	48
Bronze Foundry Sand Control		9	April	164
Burke, L. R.—Biography		9	Jan.	5
Burke, L. R. and E. K. Pryor—Some Aspects of Green Deformation and Sand Toughness in Sand Control		9	Jan.	55
C				
Career and Advancement Offered Engineering College Graduates: Hyman Bornstein		10	Nov.	73
Carroll, Jr., Phil—Biography		10	Nov.	4
Carroll, Jr., Phil—What Management Should Know About Timestudy		10	Nov.	39
Cast Aluminum Alloys Heat Treatment: H. J. Rowe and W. E. Sicha		10	Aug.	30
Cast Iron-Modolus of Elasticity: Alvin J. Herzig		9	April	134
Cast Iron Repair Welding Metallurgical Aspects: J. M. Diebold, J. A. Blastic, J. A. Griffin		10	Sept.	49
Casting Bronze		9	March	48
Defects		9	March	39

	Vol.	No.	Issue	Page
Cast Irons				
Metallurgical & Engineering Status	9		June	31
Properties	9		Jan.	20
Castings				
Non-Destructive Inspection	9		April	120
Pattern Analysis	9		March	24
Synthetic Sands	9		June	53
Casting Stability				
Aluminum	9		Feb.	65
Castings Industry Aids, Academic Schools	9		April	116
Castings Industry Needs Vocationally Competent Men: Bruce L. Simpson	10		Dec.	58
Cast Metals				
Progress	9		April	98
Cast Steel, Homogenization Heat Treatments: John G. Kura, Philip C. Rosenthal	10		Nov.	22
Cast Steel, Homogenization Heat Treatments: John G. Kura, Philip C. Rosenthal	10		Dec.	35
Cast Steels Low Temperature Properties: C. E. Sims, F. W. Bougler	10		July	49
Centrifugal Casting of a Magnesium Part: F. P. Strieter, R. J. Maenner	9		May	43
Chamberlain, M. V.—Biography	10		Oct.	5
Chamberlain, M. V., J. G. Mezoff—Magnesium Castings Quality, Effect of Mold Material	10		Oct.	24
Chapter Chairmen Meet in Chicago	10		Aug.	18
Chapter Directory	10		Sept.	82
Chapter Educational Committees Outline	9		June	75
Chapin, H. J.—Biography	10		Aug.	4
Chapin, H. J., R. A. Flinn—White and Gray Irons Ductility and Elasticity	10		Aug.	47
Chicago Regional Foundry Conference	10		Dec.	66
Clamer, Guilliam—Annual Foundation Lecture	9		April	81
Clark, Joseph J.—Biography	10		Aug.	5
Clark, Joseph J.—Malleable Foundry Core Sand Practice	10		Aug.	61
Clark, K. L.—Biography	10		July	4
Clark, K. L.—Fluidity Testing of Foundry Alloys	10		July	35
Clay Binders				
Weight	10		July	73
Cleanliness and Safety in the Foundry: James Thomson	10		Jan.	48
Coane, William J.—Biography	9		April	84
College Graduates Important in Production and Research: G. K. Dreher	10		Nov.	73
College Graduates in the Castings Industry	10		Nov.	72
Colleges Recognize and Fulfill Castings Industry Needs: Dr. H. T. Heald	10		Nov.	75
Competition for Engineering College Graduates Keen: F. G. Sefing	10		Nov.	73
Converse, C. J.—Biography	9		April	5
Converse, C. J.—Sand Control in a Bronze Foundry	9		April	164
Copper and the Steel Casting an Alloy for Postwar Consideration: F. Taylor, H. F. Bishop, and R. C. Wayne	9		May	72
Cores for Automotive Malleable Castings: W. G. Ferrell	10		Nov.	46
Core Barrel				
Producing Bomb Castings	9		June	22
Core Making Practice				
Malleable	9		May	35
Malleable Foundry	9		June	71
Core Ovens: H. E. Linsley	9		March	27
Core Practice				
Malleable Iron Foundry	9		April	112
Core Sand, Purchasing Factors: H. Louette, A. E. Murton, and H. H. Fairfield	10		Oct.	63
Core Sand Practice				
Malleable Foundry	10		Aug.	61
Crucible Furnace Melting Combustion Factors: Arthur C. Schmid	10		Dec.	61
Cupola Handbook: R. G. McElwee	9		June	50
Cupola, Operation and Control: W. W. Levi	9		Feb.	46
Cupola Refractories Lining & Patching: E. J. Lally	10		July	47
D				
Dalbey, George—Biography	10		Sept.	5
Dalbey, George—Non-Ferrous Alloy Castings-Gas Elimination	10		Sept.	22
Davis, J. A.—Biography	9		April	4
Davis, J. A., L. W. Eastwood—Microporosity in Magnesium Alloy Casting	9		April	4
Den Breejen, A. C.—Biography	9		June	4
Den Breejen, A. C.—Japanese Foundry Industry Found Inferior	9		June	81
Den Breejen, A. C.—Microscope and Camera in the Study of Foundry Sand	9		Feb.	20
Denison, A. C.—Biography	10		Nov.	74
Denison, A. C.—Engineering Colleges Responsible for Educating Foundrymen	10		Nov.	74
Design, Redesign, and Interchangeability—Pattern and Allied Equipment: William E. Tharp	9		Jan.	30
Detroit in '47	10		Oct.	22
Diebold, J. M.—Biography	10		Sept.	4
Diebold, J. M., J. A. Blastic, J. A. Griffin—Cast Iron Repair Welding Metallurgical Aspects	10		Sept.	49
Die Casting				
Aluminum Alloy	9		April	103
Dietert, H. W.—Biography	9		Jan.	5

	Vol.	No.	Issue	Page
Dietert, H. W.—Effect of Table Rise (Strain Rate) on Hot Strength of Bentonite Bonded Sands ...	9	Jan.		78
Dreher, G. K.—Biography	10	Nov.		73
Dreher, G. K.—College Graduates Important in Production and Research	10	Nov.		73
Ductility and Elasticity White and Gray Irons	10	Aug.		47
Duma, J. A.—Biography	10	Oct.		4
Duma, J. A. and S. W. Brinson—Knock-Off Risers, Non-Ferrous Castings	10	Oct.		55
E				
Eagan, T. E.—How Engineers Serve the Foundry Industry	10	Dec.		21
Eastwood, L. W.—Biography	9	April		4
Eastwood, L. W., J. A. Davis—Microporosity in Magnesium Alloy Casting	9	April		148
Educational Institutions	9	Feb.		60
Effect of Table Rise (Strain Rate) on Hot Strength of Bentonite Bonded Sands: H. W. Dietert ..	9	Jan.		78
Electric Furnaces Rammed Refractories	10	Nov.		67
Electric Melting Ferrous Foundry	9	Jan.		55
Electrodes Carbon and Graphite: T. L. Nelson	10	Oct.		40
Eliminating Casting Defects: Pierce Boutin	9	March		39
Engineer of Human Relations: Steven G. Garry	9	Feb.		27
Engineering Colleges Responsible for Educating Foundrymen: A. C. Denison	10	Nov.		74
Engineering Graduate and the Foundry Industry: W. J. MacNeill	10	Oct.		21
Engineering Schools Foundry Aids	9	Feb.		42
Equipment Pattern & Allied	9	Jan.		30
Exhibitors, 1946, Cleveland	9	April		93
Exothermic Materials: C. G. Lutts, J. P. Hickey and Michael Bock, II	10	Aug.		71
F				
Fairfield, H. H.—Biography	10	Oct.		4
Fairfield, H. H., A. E. Murton and H. Louette—Core Sand, Purchasing Factors	10	Oct.		63
Ferrell, W. G.—Biography	10	Nov.		4
Ferrell, W. G.—Cores for Automotive Malleable Castings	10	Nov.		46
50th Anniversary Foundry Congress and Show of A.F.A.	9	April		64
50 Years of Progress in Cast Metals Specifications: John W. Bolton	9	April		98
50 Years of Progress in Foundry Apprentice Training: J. E. Goss ..	9	April		140
50 Years of Progress in Foundry Pig Iron: T. G. Johnston	9	June		36
50 Years of Progress in Foundry Sand Control: R. F. Harrington	9	April		158
50 Years of Progress in Foundry Steel Melting: A. W. Gregg	9	May		58
50 Years of Progress in Foundry Time and Methods Study: Harry Reitinger	10	July		67
Fineness Test Molding Sand	10	Dec.		24
Flinn, R. A.—Biography	10	Aug.		4
Flinn, R. A., H. J. Chapin—White and Gray Irons, Ductility and Elasticity	10	Aug.		47
Fluidity Testing of Foundry Alloys: K. L. Clark	10	July		35
Found, George H.—Biography	9	June		5
Found, George H.—Magnesium Alloy Castings	9	June		43
Foundation Lecture: Clamer Guilliam	9	April		81
Foundries Aid Engineering Schools	9	Feb.		42
Foundry Alloys Fluidity Testing	10	July		35
Foundry and Patternmaking Practice in Trade Schools: H. W. Hershey	10	Sept.		66
Foundry Education Advances Through Widespread Interest .	9	May		71
Foundry Industry and Educational Institutions: Arthur J. Tuscany	9	Feb.		60
Foundry Practice for Engineering Students	10	July		18
Foundry Safety "4th E"	9	April		166
Foundrymen Survey Vocational School Facilities	10	Aug.		77
Frear, Clyde L.—Biography	9	April		5
Frear, Clyde L., Robert E. Lyons—Non-Destructive Inspection of Castings	9	April		120
G				
Garry, Steven G.—Biography	9	Feb.		4
Garry, Steven G.—Engineer of Human Relations	9	Feb.		27
Gas Elimination Non-Ferrous Alloy Castings	10	Sept.		22
Golden Anniversary Convention Grows Larger	9	March		39
Goss, J. E.—Biography	10	Oct.		4
Goss, J. E.—50 Years of Progress in Foundry Apprentice Training .	9	April		140
Goss, J. E.—Skill and Leadership Through Apprentice Training .	10	Oct.		76
Gray, Basil—Biography	9	June		5

	Vol.	No.	Issue	Page
Gray, Basil—Producing Bomb Castings by Use of the Core Barrel	9		June	22
Gray Iron Castings, Section Sensitivity: Henry C. Winte	10		Oct.	68
Gray Iron Castings, Welding and Salvage: J. A. Griffin	9		March	16
Gray Iron Foundry Sands Report of Subcommittee	9		April	143
Gray Iron Wear Resistance: F. G. Sefing	9		June	77
Green Deformation and Sand Toughness in Sand Control, Some Aspects: Wm. G. Parker	9		Jan.	50
Gregg, A. W.—Biography	9		May	4
Gregg, A. W.—50 Years of Progress in Foundry Steel Melting	9		May	58
Griffin, J. A.—Biography	10		Sept.	4
Griffin, J. A., J. A. Blastic and J. M. Diebold—Cast Iron Repair Welding Metallurgical Aspects	10		Sept.	49
Griffin, J. A.—Gray Iron Castings—Welding and Salvage	9		March	16

H

Hardy, R. G.—Biography	10		Nov.	4
Hardy, R. G. and J. T. Robertson—Bronze Castings, Conditions of Flow	10		Nov.	59
Harrington, R. F.—Biography	9		April	5
Harrington, R. F.—50 Years of Progress in Foundry Sand Control	9		April	158
Heald, H. T.—Biography	10		Nov.	75
Heald, H. T.—Colleges Recognize and Fulfill Castings Industry Needs	10		Nov.	75
Heat Treatment				
Cast Aluminum Alloys	10		Aug.	30
Cast Steel	10		Dec.	35
Heat Treating Furnaces: Victor Paschkis	10		Aug.	81
Heat Treatment of Steel Castings	10		Aug.	42
Heavy Gray Iron Castings Welding: L. J. Larson	10		Dec.	49
Hebard, W. J.—Biography	10		Sept.	4
Hebard, W. J.—Accelerated Training	10		Sept.	35
Hedberg, James—Biography	9		Jan.	5
Hedberg, James and H. A. Schwartz—Sulphur Determination in White Cast Iron	9		Jan.	63
Herres, S. A.—Biography	10		Sept.	5
Herres, S. A. and C. R. Jelm—Steel Castings and Weldments Residual Stress Relief	10		Sept.	37
Hershey, H. W.—Biography	10		Sept.	4
Hershey, H. W.—Foundry and Patternmaking Practice in Trade Schools	10		Sept.	66
Herzig, Alvin J.—Biography	9		April	4
Herzig, Alvin J.—Cast Iron-Modolus of Elasticity	9		April	134
Hickey, J. P.—Biography	10		Aug.	4
Hickey, J. P., C. G. Lutts, Michael Bock, II—Exothermic Materials	10		Aug.	71
High Temperature Sand Testing (5th Annual Progress Report): D. C. Williams	9		Feb.	55
Homogenization Heat Treatment Cast Steel	10		Nov.	22
Horlebein, E. W.—Management—Take Hold and Do the Job	9		Jan.	17
Hot Tear Foundation Steel Castings	9		April	161
How Engineers Serve the Foundry Industry: T. E. Eagan	10		Dec.	21
Hoyt, C. E. Annual Lecture	10		Dec.	22
Human Relations, Engineer of: Steven G. Garry	9		Feb.	27

I

Iron Castings Pressure Feeding	9		May	51
Inspection Steel Castings: C. F. Rohlkoetter	9		Feb.	70
Insulating Pads and Riser Sleeves for Bronze Castings: H. F. Taylor and W. C. Wick	9		March	48

J

Japanese Foundry Industry Found Inferior: A. C. Den Breejen	9		June	81
Jelm, C. R.—Biography	10		Sept.	5
Jelm, C. R., S. A. Herres—Steel Castings and Weldments Residual Stress Relief	10		Sept.	37
Jobbing Foundry Patterns	9		Feb.	30
Johnston, T. G.—Biography	9		June	4
Johnston, T. G.—50 Years of Progress in Foundry Pig Iron	9		June	36
Jones, W. E.—Biography	9		March	5
Jones, W. E.—Atmospheric and Washburn Risers	9		March	35
Judson, H. H.—Trained Personnel Needed for Quality and Quantity Castings Production	9		March	15
Juppenlatz, John W.—Biography	9		Jan.	4
Juppenlatz, John W.—Other Non-Destructive Methods of Testing	9		Jan.	38

K

Kattus, J. R.—Biography	9		June	4
Kattus, J. R. and R. E. Morey—Preventing Veining and Penetration on Castings Made in Synthetic Sand	9		June	53
Kaveny, Thomas, Jr.—President of Equipment Group Calls 1946 Foundry Show "Best Ever"	9		June	21

	Vol.	No.	Issue	Page
Knock-Off Risers, Non-Ferrous Castings—S. W. Brinson and J. A. Duma	10		Oct.	55
Krynitsky, A. J.—Biography	10		Dec.	4
Krynitsky, A. J.—Molding Sand, Fineness Test	10		Dec.	24
Kuniansky, Max—Biography	10		Nov.	72
Kuniansky, Max—All Foundry Departments Need Engineering College Graduates	10		Nov.	72
Kuniansky, Max—The Right to Serve	10		Sept.	21
Kura, John G.—Biography	10		Dec.	4
Kura, John G. and Philip C. Rosenthal—Cast Steel, Homogenization Heat Treatment	10		Nov.	22
Kura, John G. and Philip C. Rosenthal—Cast Steel Homogenization Heat Treatment	10		Dec.	35
L				
Lally, E. J.—Biography	10		July	4
Lally, E. J.—Cupola Refractories Lining and Patching	10		July	47
Larsen, L. J.—Biography	10		Dec.	4
Larsen, L. J.—Heavy Gray Iron Castings Welding	10		Dec.	49
Lee, R. L.—Biography	10		Sept.	4
Lee, R. L.—A Simple Cost System for Small Foundries	10		Sept.	63
Lee, Ralph L.—Are Leaders Born or Made?	9		March	32
Lee, Ralph L.—Price Per Pound, Price Per Piece, Which?	9		April	136
Levi, W. W.—Biography	9		Feb.	4
Levi, W. W.—Cupola Operation and Control	9		Feb.	46
Lining and Patching Cupola Refractories	9		March	4
Lindsay, R. W.—Biography	9		June	5
Lindsay, R. W.—The Metallurgical and Engineering Status of Cast Irons	10		July	47
Linsley, H. E.—Biography	9		June	31
Linsley, H. E.—Core Ovens	9		March	27
Lorig, C. H.—A.F.A. Steel Division Stands Ready to Serve Industry and Individual	10		July	17
Louette, H.—Biography	10		Oct.	5
Louette, H., A. E. Murton, and H. H. Fairfield—Core Sand, Purchasing Factors	10		Oct.	63
Low Temperature Properties Cast Steels	10		July	49
Lownie, H. W., Jr.—Biography	9		Jan.	5
Lownie, H. W., Jr., W. E. Mahin—Microstructures Related to Properties of cast Iron	9		Jan.	20
Lutts, C. G.—Biography	10		Aug.	5
Lutts, C. G., J. P. Hickey and Michael Book, II—Exothermic Materials	10		Aug.	71
Lyons, Robert E.—Biography	9		April	3
Lyons, Robert E., and Clyde L. Frear—Non-Destructive Inspection of Castings	9		April	120
M				
Mackenzie, J. T. to be First Hoyt Lecturer	10		Dec.	23
MacNeill, W. J.—The Engineering Graduate and the Foundry Industry	10		Oct.	21
Maenner, R. J.—Biography	9		May	5
Maenner, R. J. and F. P. Strieter—Centrifugal Casting of a Magnesium Part	9		May	43
Magnesium Alloy Castings: George H. Found	9		June	43
Magnesium Alloys, Melting: L. M. Nash	9		Jan.	61
Magnesium Castings Quality, Effect of Mold Material: M. V. Chamberlain and J. G. Mezoff	10		Oct.	24
Magnesium Part Centrifugal Casting	9		May	43
Mahin, W. E.—Biography	9		Jan.	5
Mahin, W. E. and H. W. Lownie, Jr.—Microstructure Related to Properties of Cast Iron	9		Jan.	20
Malleable Castings Cores	10		Nov.	46
Malleable Core Making Practice: E. C. Zirzow	9		May	35
Malleable Foundry Core Sand Practices: Joseph J. Clark	10		Aug.	61
Malleable Foundry Coremaking Practice: D. F. Sawtelle	9		June	71
Malleable Iron Silicon Pick-Up	10		Oct.	50
Malleable Iron Foundry Core Practice: Eric Welander	9		April	112
Malleable Sand Control, Questionnaire Summary	9		Jan.	42
Management—Take Hold and Do the Job: E. W. Horlebein	9		Jan.	17
Manwell, W. C.—Biography	9		Feb.	5
Manwell, W. C.—Patterns—In the Jobbing Foundry	9		Feb.	30
Massari, S. C.—Technical Development of the Foundry Industry	10		Nov.	21
Mechanical Shakeout: James L. Yates	10		Nov.	49
Melting and Magnesium Alloys: L. M. Nash	9		Jan.	61
Metallurgical and Engineering Status of Cast Irons: R. W. Lindsay	9		June	31
Mezoff, J. G.—Biography	10		Oct.	5
Mezoff, J. G. and M. V. Chamberlain—Magnesium Castings Quality, Effect of Mold Material	10		Oct.	24
Michigan State Conference	9		March	78
Microscope and Camera in the Study of Foundry Sand: A. C. Den Breejen	9		Feb.	20

	Vol.	No.	Issue	Page
Microporosity in Magnesium Alloy Casting: L. W. Eastwood, J. A. Davis			9 April	148
Microstructure Related to Properties of Cast Iron: W. E. Mahin, and H. W. Lownie, Jr.			9 Jan.	20
Molding Sand, Fineness Test: Margaret Price and A. I. Krynitsky			10 Dec.	24
Moldenke, Richard and F. J. Walls—The Future as Forecast by Two Foundrymen			10 Aug.	20
Morey, R. E.—Biography			9 June	4
Morey, R. E. and J. R. Kattus—Preventing Veining and Penetration on Castings Made in Synthetic Sand			9 June	53
Morey, R. E.—Use of the Cumulative Curve for Foundry Sand Control			9 Jan.	65
Murton, A. E.—Biography			10 Oct.	5
Murton, A. E., H. Louette and H. H. Fairfield—Core Sand, Purchasing Factors			10 Oct.	63
Myskowski, E. T.—Biography			10 Aug.	4
Myskowski, E. T. and H. F. Taylor—Skimmer Screens for Non-Ferrous Castings			10 Aug.	24
N				
Nash, L. M.—Biography			9 Jan.	5
Nash, L. M.—Melting and Magnesium Alloys			9 Jan.	61
National Educational Program			9 Jan.	80
Necked-Down Riser: Sam Belus			9 Feb.	40
Nelson, T. L.—Biography			10 Oct.	5
Nelson, T. L.—Electrodes Carbon and Graphite			10 Oct.	40
Non-Destructive Inspection of Castings: Clyde L. Frear and Robert E. Lyons			9 April	120
Non-Destructive Methods of Testing: John W. Juppenlatz			9 Jan.	38
Non-Ferrous Alloy Castings-Gas Elimination: George Dalbey			10 Sept.	22
Non-Ferrous Castings				
Knock-Off Risers			10 Oct.	55
Skimmer Screens			10 Aug.	24
O				
Obituaries				
Anderson, Earl L.			9 April	212
Fuller, George			9 March	72
Hess, Charles C.			9 April	212
Hilton, N. C.			9 April	212
Vessy, Sidney C.			9 March	72
Officers and Directors, A.F.A.			9 April	85
Operation and Control				
Cupola			9 Feb.	46
Other Non-Destructive Methods of Testing: J. W. Juppenlatz			9 Jan.	38
P				
Parker, Wm. G.—Biography			9 Jan.	5
Parker, Wm. G.—Some Aspects of Green Deformation and Sand Toughness in Sand Control			9 Jan.	50
Paschkis, Victor—Biography			10 Aug.	4
Paschkis, Victor—Heat Treating Furnaces			10 Aug.	81
Pattern Analysis for Buyers of Patterns and Castings: Vincent J. Sedlon			9 March	24
Pattern and Allied Equipment—Design, Redesign and Interchangeability: William E. Tharp			9 Jan.	30
Patterns in a Production Foundry: G. A. Pealer			10 Aug.	44
Patterns—In the Jobbing Foundry: W. C. Manwell			9 Feb.	30
Pealer, G. A.—Biography			10 Aug.	5
Pealer, G. A.—Patterns in a Production Foundry			10 Aug.	44
Peter L. Simpson Award			9 April	97
Pig Iron				
Progress in Foundry			9 June	36
Postwar Consideration				
Copper and Steel Casting			9 May	72
Precision Casting Process			10 July	74
President Honors Foundrymen			9 May	21
President of Equipment Group Calls Foundry Show "Best Ever": Thomas Kaveny, Jr.			9 June	21
President Walls Honors Men Who First Visualized an A.F.A.: Fred J. Walls			9 April	63
President Wood Pays Tribute to Men Who Made Foundry Progress Possible: S. V. Wood			10 Aug.	17
Pressure Feeding Iron Castings: W. J. Bradley			9 May	51
Preventing Veining and Penetration on Castings Made in Synthetic Sand: R. E. Morey and J. R. Kattus			9 June	53
Price, Margaret—Biography			10 Dec.	5
Price, Margaret—Molding Sand, Fineness Test			10 Dec.	24
Price Per Pound, Price Per Piece, Which?: Ralph L. Lee			9 April	136
Producing Bomb Castings by Use of the Core Barrel: Basil Gray			9 June	22
Production Foundry				
Patterns			10 Aug.	44
Program				
Golden Jubilee, A.F.A.			9 April	70
Propane Gas Torches, Sand Mold Drying With: Frank C. Rogers			9 Jan.	76
Pryor, E. K.—Biography			9 Jan.	5
Pryor, E. K. and L. R. Burke—Some Aspects of Green Deformation and Sand Toughness in Sand Control			9 Jan.	55

	Vol.	No.	Issue	Page
Q				
Quadt, R. A.—Biography	10		July	4
Quadt, R. A.—Aluminum Alloy	10		July	21
R				
Rammed Refractories, Electric Furnaces: Robert H. Zoller	10		Nov.	67
Refractories for Electric Melting in the Ferrous Foundry: E. K. Pryor and L. R. Burke	9		Jan.	55
Rehder, R. E.—Biography	10		Oct.	4
Rehder, R. E.—Silicon Pick-Up in Melting Malleable Iron	10		Oct.	50
Reitinger, Harry—Biography	10		July	4
Reitinger, Harry—50 Years of Progress in Foundry Time and Methods Study	10		July	67
Risers				
Atmospheric and Washburn	9		March	35
Necked-Down	9		Feb.	40
Roast, Harold J.—Biography	9		April	84
Robertson, J. T.—Biography	10		Nov.	5
Robertson, J. T. and R. G. Hardy—Bronze Castings, Conditions of Flow	10		Nov.	59
Rogers, Frank C.—Biography	9		Jan.	5
Rogers, Frank C.—Sand Mold Drying with Propane-Gas Torches	9		Jan.	76
Rohlkotter, C. F.—Biography	9		Feb.	4
Rohlkotter, C. F.—Inspection Steel Castings	9		Feb.	70
Rosenthal, Philip C.—Biography	10		Dec.	4
Rosenthal, Philip C. and John G. Kura—Cast Steel, Homogenization Heat Treatment	10		Nov.	22
Rosenthal, Philip C. and John G. Kura—Cast Steel, Homogenization Heat Treatment	10		Dec.	35
Rowe, H. J.—Biography	10		Aug.	5
Rowe, H. J. and W. E. Sicha—Cast Aluminum Alloys Heat Treatment	10		Aug.	30
S				
Safety in the Foundry, Cleanliness: James Thomson	9		Jan.	48
Salvage				
Gray Iron Castings	9		March	16
Sand				
Cumulative Curve	9		Jan.	65
Drying	9		Jan.	76
High Temperature Testing	9		Feb.	55
Hot Strength	9		Jan.	78
Microscope and Camera Study	9		Feb.	20
Toughness and Control	9		Jan.	50
Sand Control				
Progress in Foundry	9		April	158
Sand Control in a Bronze Foundry: Clinton J. Converse	9		April	164
Sand Molding Drying with Propane-Gas Torches: Frank C. Rogers	9		Jan.	76
Sawtelle, D. F.—Biography	9		June	4
Sawtelle, D. F.—Malleable Foundry Coremaking Practice	9		June	71
Schmid, Arthur C.—Biography	10		Dec.	4
Schmid, Arthur C.—Crucible Furnace Melting Combustion Factors	10		Dec.	61
Schwartz, H. A.—Biography	9		Jan.	4
Schwartz, H. A. and James Hedberg—Combustion Methods for Sulphur Determination in White Cast Iron	9		Jan.	63
Seattle 34th A.F.A. Chapter	10		Dec.	34
Sedlon, V. J.—Biography	9		March	4
Sedlon, V. J.—Pattern Analysis for Buyers of Patterns and Castings	9		March	24
Sefing, F. G.—Biography	10		Nov.	73
Sefing, F. G.—Competition for Engineering College Graduates Keen	10		Nov.	73
Sefing, F. G.—Gray Iron Wear Resistance	9		June	77
Skimmer Screens for Non-Ferrous Castings: E. T. Myskowski and H. F. Taylor	10		Aug.	24
Sicha, W. E.—Biography	10		Aug.	5
Sicha, W. E. and H. J. Rowe—Cast Aluminum Alloys Heat Treatment	10		Aug.	30
Silicon Pick-Up in Melting Malleable Iron	10		Oct.	50
Simple Cost System for Small Foundries: R. L. Lee	10		Sept.	63
Simpson, Bruce L.—Biography	10		Dec.	4
Simpson, Bruce L.—Castings Industry Needs Vocationally Competent Men	10		Dec.	58
Sims, C. E.—Biography	10		July	4
Sims, C. E. and F. W. Boulger—Cast Steels Low Temperature Properties	10		July	49
Skill and Leadership Through Apprentice Training: J. E. Goss	10		Oct.	76
Some Aspects of Green Deformation and Sand Toughness in Sand Control: Wm. G. Parker	9		Jan.	50
Steel Castings				
Heat Treatment	10		Aug.	42
Post War Consideration	9		May	72
Steel Castings and Weldments Residual Stress Relief: C. R. Jelm and S. A. Herres	10		Sept.	37
Steel Castings, Inspection: C. F. Rohlkotter	9		Feb.	70
Steel Melting				
Progress in Foundry	9		May	58
Steel Susceptibility to Hot-Tear Formation in Castings: N. B. Gelperin	9		April	161
Strieter, F. P.—Biography	9		May	5

	Vol.	No.	Issue	Page
Strieter, F. P. and R. J. Maenner—Centrifugal Casting of a Magnesium Part			9 May	43
Sulphur Determination in White Cast Iron, Combustion Methods: James Hedberg and H. A. Schwartz			9 Jan.	63
Synthetic Sands Preventing Veining and Penetration in Castings			9 June	53
T				
Taylor, H. F.—Biography			10 Aug.	5
Taylor, H. F., H. F. Bishop and R. C. Wayne—Copper and the Steel Casting—An Alloy for Post War Consideration			9 May	72
Taylor, H. F. and W. C. Wick—Insulating Pads and Riser Sleeves for Bronze Castings			9 March	48
Taylor, H. F. and E. T. Myskowski—Skimmer Screens for Non-Ferrous Castings			10 Aug.	24
Taylor, H. F.—Use of the Cumulative Curve for Foundry Sand Control			9 Jan.	65
Technical Development of the Foundry Industry: S. C. Massari			10 Nov.	21
Technical Program Takes Shape			9 Feb.	38
Testing Non-Destructive			9 Jan.	38
Tharp, William E.—Biography			9 Jan.	5
Tharp, William E.—Pattern and Allied Equipment Design, Redesign and Interchangeability			9 Jan.	30
The Right to Serve—Max Kuniansky			10 Sept.	21
The Foundry is a Good Place to Work			9 May	48
The Future as Forecast by Two Foundrymen—32 Years Apart: Richard Moldenke and Fred J. Walls			10 Aug.	20
Thomson, James—Biography			9 Jan.	5
Thomson, James—Cleanliness and Safety in the Foundry			9 Jan.	48
Tichy, O.—Biography			10 Sept.	4
Tichy, O.—Aluminum Casting Alloy 3 Per Cent Cu: 5 Per Cent Si			10 Sept.	74
Time and Methods Study Progress in Foundry			10 July	7
Timestudy Management			10 Nov.	39
Trade Schools Foundry and Patternmaking			10 Sept.	66
Trained Personnel Needed for Quality and Quantity Castings Production: H. H. Judson			9 March	15
Tuscany, Arthur J.—Biography			9 Feb.	4
Tuscany, Arthur J.—Foundry Industry and Educational Institutions			9 Feb.	60
U				
Use of the Cumulative Curve for Foundry Sand Control: R. E. Morey and H. F. Taylor			9 Jan.	65
V				
Vocational Schools Train Future Foundrymen			9 March	45
W				
Wayne, R. C.—Biography			9 May	4
Wayne, R. C., H. F. Bishop, H. F. Taylor—Copper and Steel Casting an Alloy for Post War Consideration			9 May	72
Walls, Fred J.—A.F.A. President's Annual Address			9 June	66
Walls, Fred J.—President Walls Honors Men Who First Visualized an A.F.A.			9 April	63
Walls, Fred J., and Richard Moldenke—The Future as Forecast by Two Foundrymen			10 Aug.	20
Weight of Clay Binders: H. Ries			10 July	73
Welander, Eric—Biography			9 April	5
Welander, Eric—Malleable Iron Foundry Core Practice			9 April	112
Welding Gray Iron Castings			9 March	16
Gray Iron Castings			10 Dec.	49
What Management Should Know About Timestudy: Phil Carrol, Jr.			10 Nov.	39
White and Gray Irons Ductility and Elasticity: R. A. Flinn and H. J. Chapin			10 Aug.	37
White Cast Iron Sulphur Determination			9 Jan.	63
Wick, W. C.—Biography			9 March	4
Wick, W. C. and H. F. Taylor—Insulating Pads and Riser Sleeves for Bronze Castings			9 March	48
Williams, D. C.—Biography			9 Feb.	4
Williams, D. C.—High Temperature Sand Testing			9 Feb.	55
Winte, Henry C.—Biography			10 Oct.	4
Winte, Henry C.—Gray Iron Castings, Section Sensitivity			10 Oct.	68
Wood, S. V.—President Wood Pays Tribute to Men Who Made Foundry Progress Possible			10 Aug.	17
Y				
Yates, James L.—Biography			10 Nov.	4
Yates, James L.—Mechanical Shakeout			10 Nov.	49
You Must Have the "4th" E in Foundry Safety: J. A. Downey, Jr.			9 April	166

	Vol.	No.	Issue	Page
Z				
Zirzow, E. C.—Biography	9		May	4
Zirzow, E. C.—Malleable Core Making Practice	9		May	35
Zoller, Robert H.—Biography	10		Nov.	5
Zoller, Robert H.—Rammed Refractories, Electric Furnaces	10		Nov.	67